Manhole In	spection Summary	Manhole # S31K027MH
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Inspection	☐ Is Incomplete Rating: 3) Fair	
Record Plat: 31	K Node: 027 Status: Found	Insp Date: 12/23/08 10:03 AM
Incomplete Cor	nments	Crew: WJ,FW
		Inspector: wjenkins
		Firm: <b>PER</b>
Location	Address: Russel St	Cross Street: Washington BD
Manhole	Type: Junction Location: Roadway	Ground Conditions: Dry
	☐ Prev. Rehab Weather: <b>Dry</b>	Subject To Ponding: None
Comments		
		(1) 1 (1) (1) (2) (1) (2) (1)
Cover	·	(in.) Length: 0 (in.) Dist A/B Grade: 0 (in.)
Properties:	,,	
		Water Tight Insert
Frame	Offset: 0 (in.) Condition: Sound	d Cracked V Leaks
Chimney / Frame Adjustment		
Condition:		✓ Loose Brick  Deteriorated
Infiltration:	None ✓ Joint ☐ Cracks ✓ Morta	ar Roots Wall
Corbel	Material: <b>Brick</b>	ed Type: Concentric/Eccentric
Condition:	☐ Sound ☐ Cracked ☐ Root Intrusion	□ Loose Brick
Infiltration:	None ☐ Joint ✓ Cracks ✓ Mo	rtar 🗌 Roots 🔽 Wall
Barrel	Material: <b>Brick</b>	ged
Shape:	Circular Diameter: 52 (in.) Len	gth: <b>0</b> (in.)
Condition:	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	☐ Loose Brick ☐ Deteriorated
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mor	rtar 🗌 Roots 🗌 Wall
Bench	✓ Exists Material: <b>Brick</b>	☐ Parged
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ☐ Debris
Channel	Material: <b>Brick</b>	ed
Channel E	xposure: <b>Partially Open</b> Junc Dist: <b>0</b>	nearest .5 ft. Azimuth: 0
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ☐ Debris
Steps	Count: 9 Missing: 0 Corroded	
Surcharge	Evidence Of Surcharge Depth: 0	(ft.) Active Surcharge Present

# Manhole # S31K\_\_027MH

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Location View



Misc



bench debris

Misc



cover

## Top View



Misc



channel debris

Defect 3



frame infiltration at cover, chimney missing mortar

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#### Defect 2



chimney loose bricks, infiltration at mortar

#### Defect 4



corroded rungs

#### Defect 1



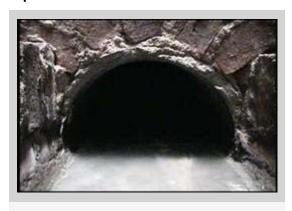
corbel wall infiltration

#### Manhole # S31K 027MH

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10 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 9.6 (in.) Rod and Bar (Angled)

Pipe Material: Clay Pipe Lined

Invert Depth: 15.04 (ft.) Flow Characteristics: Fast

Deposits:  $\slash\hspace{-0.4cm}$  None  $\slash\hspace{-0.4cm}$  Mud  $\slash\hspace{-0.4cm}$  Sludge  $\slash\hspace{-0.4cm}$  Debris  $\slash\hspace{-0.4cm}$  Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection

10 in. Circular Gravity Sewer Pipe In @ 6 OClock





Pipe Height: 10.8 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 14.98 (ft.) Flow Characteristics: Fast

Deposits: ☐ None ☐ Mud ☐ Sludge ✓ Debris ☐ Grease

Silt Depth: 4 (in.) Deposits Extent: **Medium**Infiltration: **None** Pipe Seal Cond: **Sound** 

Drop: None

Connects To: Manhole

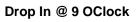
Possible Illicit Connection

## Manhole # S31K\_\_027MH

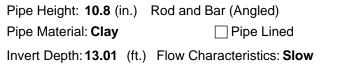
9 O'Clock Inflow

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10 in. Circular Gravity Sewer Pipe In @ 9 OClock







Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **13.89** (ft.)

Inv Depth: 14.89 (ft.)

Drop Condition: Open

Connects To: Manhole

☐ Possible Illicit Connection